```
<!ENTITY % style "Plain|Bold|Italic|Underline|Strikethru">
<!ENTITY % pictboxrunaroundtype
"none|item|autoimage|embeddedpath|alphachannel|nonwhiteareas|sameasclipping|pict
urebounds">
<!ENTITY % simplerunaroundtype "none|item">
<!ENTITY % truefalse "true|false">

<!ELEMENT layout  (page )+>

<!ELEMENT page  (pictureBox | textBox | line )*>
<!ATTLIST page
                                            width    CDATA   #REQUIRED
            height  CDATA  #REQUIRED
                                            pageNum CDATA  #REQUIRED
>
<!ELEMENT pictureBox    (picture?)>
<!ATTLIST pictureBox
                canEdit          (%truefalse;)  #REQUIRED
                isprintable      (%truefalse;)  #IMPLIED
                xpos             CDATA  #REQUIRED
                ypos             CDATA  #REQUIRED
                zpos             CDATA  #REQUIRED
                width            CDATA  #REQUIRED
                height           CDATA  #REQUIRED
                color            CDATA  #IMPLIED
                shade            CDATA  #IMPLIED
                angle            CDATA  #IMPLIED
                skew             CDATA  #IMPLIED
                frameWidth       CDATA  #IMPLIED
                frameColor       CDATA  #IMPLIED
                frameShade       CDATA  #IMPLIED
                cornerradius     CDATA  #IMPLIED
                runaroundtype    (%pictboxrunaroundtype;)  #IMPLIED
                runaroundtop     CDATA  #IMPLIED
                runaroundleft    CDATA  #IMPLIED
                runaroundbottom CDATA  #IMPLIED
                                            runaroundright
CDATA  #IMPLIED
>
<!ELEMENT picture EMPTY>
<!ATTLIST picture
                isprintable      (%truefalse;)  #IMPLIED
                url              CDATA  #REQUIRED
                xoffset          CDATA  #IMPLIED
                yoffset          CDATA  #IMPLIED
                xscale           CDATA  #IMPLIED
                yscale           CDATA  #IMPLIED
                                            angle        CDATA
#IMPLIED
                skew             CDATA  #IMPLIED
                fliphorizontal  (%truefalse;)  #IMPLIED
                flipvertical    (%truefalse;)  #IMPLIED
>
<!ELEMENT text (#PCDATA)>
<!ELEMENT textRange  (style*,text)>
<!ATTLIST textRange
                font  CDATA  #IMPLIED
```

```
                                                    size   CDATA
#IMPLIED
                    color  CDATA  #IMPLIED
                    justification (left | center | right) #IMPLIED

<!ELEMENT textBox   (textProperties?, textRange*)>
<!ATTLIST textBox
                    canEdit          (%truefalse;)  #REQUIRED
                    isprintable      (%truefalse;)  #IMPLIED
                       numCols           CDATA  #REQUIRED
                    xpos          CDATA  #REQUIRED
                    ypos          CDATA  #REQUIRED
                    zpos          CDATA  #REQUIRED
                    width         CDATA  #REQUIRED
                    height        CDATA  #REQUIRED
                    color         CDATA  #IMPLIED
                    shade         CDATA  #IMPLIED
                    angle         CDATA  #IMPLIED
                    skew          CDATA  #IMPLIED
                    frameWidth    CDATA  #IMPLIED
                    frameColor    CDATA  #IMPLIED
                    frameShade    CDATA  #IMPLIED
                    cornerradius  CDATA  #IMPLIED
                    runaroundtype    (%simplerunaroundtype;)  #IMPLIED
                    runaroundtop     CDATA  #IMPLIED
                    runaroundleft    CDATA  #IMPLIED
                    runaroundbottom CDATA  #IMPLIED
                    runaroundright   CDATA  #IMPLIED
                    runaroundallsides CDATA #IMPLIED
                    chainName        CDATA  #IMPLIED
                    numberInChain    CDATA  #IMPLIED
>
<!ELEMENT textProperties   EMPTY>
<!ATTLIST textProperties
                                        angle         CDATA  #IMPLIED
                    skew          CDATA  #IMPLIED
                    fliphorizontal (%truefalse;)  #IMPLIED
                    flipvertical   (%truefalse;)  #IMPLIED
                    gutter        CDATA  #IMPLIED
                    inset         CDATA  #IMPLIED
>
<!ELEMENT style EMPTY>
<!ATTLIST style  name  (%style; )  #REQUIRED >
<!ELEMENT line EMPTY>
<!ATTLIST line
                    canEdit          (%truefalse;)  #REQUIRED
                    x1            CDATA  #REQUIRED
                    y1            CDATA  #REQUIRED
                    x2            CDATA  #REQUIRED
                    y2            CDATA  #REQUIRED
                    zpos          CDATA  #REQUIRED
                    width         CDATA  #REQUIRED
                    color          CDATA  #IMPLIED
                    shade         CDATA  #IMPLIED
                    runaroundtype    (%simplerunaroundtype;)  #IMPLIED
                    runaroundtop     CDATA  #IMPLIED
                    runaroundleft    CDATA  #IMPLIED
```

312 655 1501

runaroundbottom CDATA #IMPLIED   runaroundright CDATA #IMPLIED

Appendix II

```
<?xml version="1.0" encoding="latin1" ?>

<!DOCTYPE layout SYSTEM "http://127.0.0.1/src/dtds/layout.dtd">

<layout>
        <page pageNum="1" height="792" width="612">
                <textBox xpos="225" ypos="643.252" width="365.7266"
height="21.2385" color="None" canEdit="true" zpos="0" numCols="1"
angle="0" frameColor="Black" runaroundleft="15" runaroundright="6"
runaroundtop="1" runaroundbottom="6" runaroundtype=""
frameWidth="0">
                        <textProperties/>
                        <textRange font="Berkeley" size="9"
color="heidelberg">
                                <style name="Plain"/>
                                <text>The NexPress 2100 is the first
product  from the Kodak/Heidelberg collaboration.</text>
                        </textRange>
                </textBox>
                <pictureBox xpos="228.2694" ypos="417.4751"
width="329.7306" height="210.7603" color="White" canEdit="true"
zpos="1" angle="0" frameColor="Black" runaroundleft="5"
runaroundright="5" runaroundtop="5" runaroundbottom="5"
runaroundtype="" frameWidth="0">
                        <picture
url="http://localhost/src/testfiles/images/NexPress.jpg"/>
                </pictureBox>
                <pictureBox xpos="511.4316" ypos="745.4925"
width="55.5683" height="17.0089" color="None" canEdit="true"
zpos="2" angle="0" frameColor="Black" runaroundleft="1"
runaroundright="1" runaroundtop="1" runaroundbottom="1"
runaroundtype="" frameWidth="0">
                        <picture
url="http://localhost/src/testfiles/images/cahners.jpg"/>
                </pictureBox>
                <textBox xpos="43.5" ypos="188" width="465.5897"
height="20.2267" color="None" canEdit="true" zpos="3" numCols="1"
angle="0" frameColor="Black" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
                        <textProperties/>
                        <textRange font="Berkeley" size="18"
color="Black">
                                <style name="Bold"/>
                                <text>Kodak/Heidelberg NexPress 2100</text>
                        </textRange>
                </textBox>
                <textBox xpos="43.5" ypos="137.1384" width="518.9999"
height="30.5376" color="None" canEdit="true" zpos="4" numCols="1"
angle="0" frameColor="Black" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
                        <textProperties/>
```

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Appendix II

```
                    <textRange font="Berkeley" size="17"
color="Black">
                            <style name="Plain"/>
                            <text>New products keep up with today's
fast-paced workflow needs.</text>
                    </textRange>
                </textBox>
                <textBox xpos="231.9392" ypos="712.3965"
width="336.1818" height="32.4892" color="White" canEdit="true"
zpos="5" numCols="1" angle="0" frameColor="Black" runaroundleft="1"
runaroundright="1" runaroundtop="1" runaroundbottom="1"
runaroundtype="" frameWidth="0">
                    <textProperties/>
                </textBox>
                <pictureBox xpos="340.3497" ypos="665.9929"
width="217.6503" height="41.5754" color="White" canEdit="true"
zpos="6" angle="0" frameColor="Black" runaroundleft="1"
runaroundright="1" runaroundtop="1" runaroundbottom="1"
runaroundtype="" frameWidth="0"/>
                <pictureBox xpos="369.9034" ypos="213.716"
width="181.6585" height="144.7839" color="None" canEdit="true"
zpos="7" angle="0" frameColor="Black" runaroundleft="9"
runaroundright="9" runaroundtop="6" runaroundbottom="3"
runaroundtype="" frameWidth="0">
                    <picture
url="http://localhost/src/testfiles/images/11.jpg"/>
                </pictureBox>
                <pictureBox xpos="29.8932" ypos="671.9911"
width="112.0993" height="86.4869" color="None" canEdit="true"
zpos="8" angle="0" frameColor="Black" runaroundleft="1"
runaroundright="1" runaroundtop="1" runaroundbottom="1"
runaroundtype="" frameWidth="0">
                    <picture
url="http://localhost/src/testfiles/images/ioYello.jpg"/>
                </pictureBox>
                <textBox xpos="43.5" ypos="214.5133" width="488.5346"
height="424.4866" color="White" canEdit="true" zpos="9" numCols="1"
angle="0" frameColor="Black" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
                    <textProperties/>
                    <textRange font="Berkeley" size="14"
color="Black">
                            <style name="Plain"/>
                            <text>One of the most awaited products at
Drupa 2000 was the NexPress, the first product from the joint
venture between Kodak and Heidelberg. The first model, the NexPress
2100, will be available in 2001. It has a speed of 2,100 tabloid-
size color sheets per hour (approximately 4,200 letter-size pages
printed simplex or 2,100 duplex), an equivalent of 70 letter-size
pages per minute.

NexStation is NexPress's front-end and serves as a complete
workflow solution based on an open architecture, employing Adobe
```

Extreme architecture. It allows for universally accepted file
formats and integrates with common workflow systems. The unique
NexQ Same Edge Perfector (SEP) technology ensures a consistent,
accurate color-to-color and front-to-back register by always using
5   the same paper edge to guide a sheet. The NexQ fuser technology
accommodates the entire range of paper weights without compromising
press speed.</text>
                        </textRange>
                    </textBox>
10   <textBox xpos="144" ypos="733.2729" width="206.9999"
height="15.7498" color="None" canEdit="true" zpos="10" numCols="1"
angle="0" frameColor="Cyan" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
15
                        <textRange font="Times New Roman" size="12"
color="Black">
                            <style name="Plain"/>
                            <text>July 2000</text>
20   </textRange>
                    </textBox>
                    <textBox xpos="33.7637" ypos="657" width="104.3331"
height="15.7498" color="None" canEdit="true" zpos="11" numCols="1"
angle="0" frameColor="Cyan" runaroundleft="1" runaroundright="1"
25   runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
                        <textRange font="Times New Roman" size="12"
color="Black">
30   <style name="Plain"/>
                            <text>Reprinted from</text>
                        </textRange>
                    </textBox>
                    <textBox xpos="43.5" ypos="170" width="118.5"
35   height="18" color="White" canEdit="true" zpos="12" numCols="1"
angle="0" frameColor="Black" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="0">
40   <textRange font="R Frutiger Roman" size="12"
color="Black">
                            <style name="Plain"/>
                            <text>By Nadia Cross</text>
                        </textRange>
45   </textBox>
                    <textBox xpos="44.9999" ypos="53.4244" width="528.235"
height="81.0747" color="None" canEdit="true" zpos="13" numCols="1"
angle="0" frameColor="Red" runaroundleft="1" runaroundright="1"
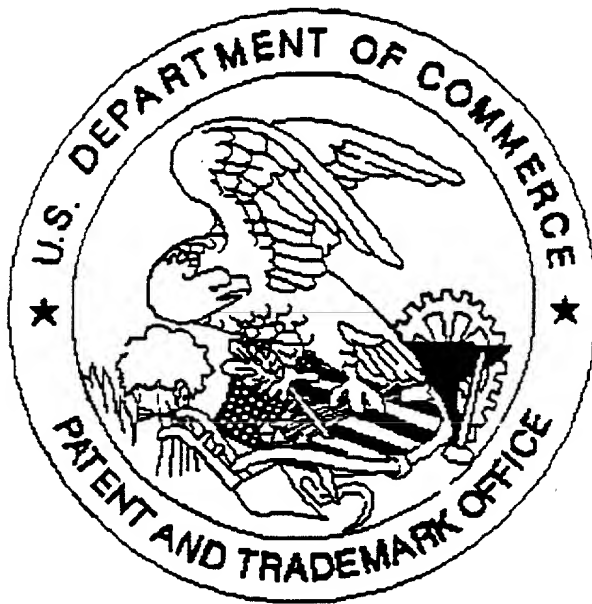runaroundtop="1" runaroundbottom="1" runaroundtype=""
50   frameWidth="0">
                        <textRange font="Times New Roman" size="36"
color="DN purple">
                            <style name="Plain"/>

3

```
                          <text>Digital
Innovations from Drupa 2000</text>
                    </textRange>
              </textBox>
              <pictureBox xpos="18" ypos="18" width="576"
height="756" color="None" canEdit="true" zpos="14" angle="0"
frameColor="DN purple" runaroundleft="1" runaroundright="1"
runaroundtop="1" runaroundbottom="1" runaroundtype=""
frameWidth="2"/>
        </page>
</layout>
```

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